

ACCESSION NR: AT4012197

region distant from spots. Sunspots appeared in the observed region three days later, on July 23. "In conclusion the author thanks V. A. Krat for continued interest in the work and valuable advice". Orig. art. has: 8 figures and 1 table.

ASSOCIATION: GLAVNAYA ASTRONOMICHESTKAYA OBSERVATORIYA, PULKOVO (Main Astronomical Observatory)

SUBMITTED: 00

DATE ACQ: 27Feb64

ENCL: 01

SUB CODE: AS

NO REF SOV: 014

OTHER: 014

Card

2/87

L 62183-65 EPF(c)/EWT(m)/EWP(b)/ENA(d)/EWP(t) JD/WB

ACCESSION NR: AP5010466

UR/0294/65+003/002/0260/0265 25  
621.315.62.001.5 24

AUTHORS: Golubev, B. P.; Vasil'yeva, G. A.; Kalitin, P. P.; Smirnov, S. N. B

TITLE: Technology of manufacture and properties of electric lead-ins of corundum microlite, operating in corrosive media at high temperatures and pressures 16

SOURCE: Teplofizika vysokikh temperatur, v. 3, no. 2, 1965  
260-265

ABSTRACT: The authors describe electric lead-ins into a region containing a corrosive substance at high temperature and pressure. The bushing insulators are made from corundum microlite and platinum-rhodium wire, and are sintered at 1750C. The compositions and the manufacturing steps are described in detail. The lead-ins were used to determine the electric conductivity of various substances (NaCl, KCl, Na<sub>2</sub>SiO<sub>3</sub> and others) in water and in steam at 250 -- 500C and at

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L 62183-65

ACCESSION NR: AP5010466

pressure 100 -- 360 kg/cm<sup>2</sup> without loss of the sealing properties.  
Several different constructions of the bushing; insulator are described  
Original article has: 7 figures and 2 tables

ASSOCIATION: Nauchno-issledovatel'skiy institut vysokikh temperatur  
(Scientific Research Institute of High Temperatures)

SUBMITTED: 21Aug64

ENCL: 00

SUB CODE: IE, EE

NR REF SOV: 008

OTHER: 000

Card

*1/2*  
2/2

VASIL'YEVA, G.A.; POLOVTSEVA, Yu.M.; IGNASHCHENKOVA, N.V.;  
ZAF'YANTSEVA, I.N.; SUDNIK, R.M.; PRAVEDKOVA, M.L.,  
red.; KONDRAT'YEVA, T.F., kard.tekhn.nauk, red.; ALFEYEVA, N.A.,  
inzh.red.

[Reliability and durability of piston machines; annotated bibliographical index: Soviet and foreign literature published in 1960-1963] Nadezhnost' i dolgo-  
vechnost' porshnevykh mashin; annotirovannyi bibli-  
graficheskii ukazatel': otechestvennaya i inostrannaya  
literature 1960-1963 gg. Leningrad, Otdel nauchno-  
tekhn. informatsii, 1964. 144 p. (MIRA 18:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy i  
konstruktorskiy institut khimicheskogo mashinostroyeniya.  
Leningradskiy filial.

GOLUBEV, B.P.; VASIL'YEVA, G.A.; KALITIN, P.P.

MEI-MKTS bushings from the zone of high temperatures and pressures.  
Toplofiz. vys. temp. 2 no.3:489 My-Je '64. (MIRA 17:8)

1. Nauchno-issledovatel'skiy institut vysokikh temperatur.

GOLUBEV, B.P.; VASIL'YEVA, G.A.; KALITIN, P.P.; SMIRNOV, S.N.; KHARITONOV, F.Ya.

Technology of manufacture and properties of electric conductors from corundum microlite operating in corrosive media at high temperatures and pressures. Teplofiz. vyz. temp. 3 no.2:260-265 Mr-Apr '65.

(MIRA 18:7)

1. Nauchno-issledovatel'skiy institut vysokikh temperatur, Moskva.

L 33666-66 EWT(d)/EWT(m)/EWP(c)/EWP(v)/EWP(t)/ETI/EMP(k)/EWP(h)/EWP(l) IJP(c)

ACC NR: AP6014065  
JD/WH/JH

SOURCE CODE: UR/0294/66/004/002/0202/0206

AUTHOR: Golubev, B. P.; Kharitonov, F. Ye.; Kalitin, P. P.;  
Vasil'yeva, G. A.; Smirnov, S. N.

ORG: High Temperature Scientific Research Institute (Nauchno-  
issledovatel'skiy institut vysokikh temperatur)

TITLE: Construction properties of corundum microlite at high  
temperatures

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 2, 1966, 202-206

TOPIC TAGS: high temperature alloy, corundum refractory

ABSTRACT: The article presents a correlation of experimental and literature data on the mechanical, physico-chemical, and thermo-physical properties of corundum microlite at room temperature and at high temperatures (up to 1200°C). The corundum microlite used had the following composition: 99.4-99.5%  $Al_2O_3$ ; 0.5-0.6% MgO; 0.03-0.05%  $Fe_2O_3$ . The samples were annealed in a batch type flame furnace with prolonged heating for 16 hours at 400°, and then for 12 hours at 1750°. The following properties of the samples were determined: water absorption, specific weight, porosity, hardness, coefficient of linear

Card 1/2

UDC: 620.10.620.171.3.620.18

L 33666-18

ACC NR: AP6014065

thermal expansion, specific electric resistance, the strength limit for shock bending, fracture, and compression at room temperature, thermal stability, electric strength, refractory properties, deformation temperature, and shrinkage. The experimental results are shown in a table and figures. There is also a photo at 90 magnifications of the microstructure of the corundum microlite. It was found that the material has attractive properties for use as a construction material in machine construction, in the electrical industry, and for high temperature units which operate in aggressive media. Orig. art. has: 4 figures and 1 table.

SUB CODE: 11/ SUBM DATE: 22Oct64/ ORIG REF: 009

Card 2/2 mc



VASIL'YEV, I. A.

"The Ecology of Certain Species of Cladocera Which are Used as Live Fish Food." Cand Biol Sci, Moscow Technical Inst of the Fish Industry and Economy, Moscow, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

VASIL'YEVA, G.A.; SERGEYEV, K.N.

Cases of hernia of the umbilical cord. Akush. i gin. no.3:80-81  
My-Je '54. (MLRA 7:8)

1. Iz rodil'nogo doma Moskovsko-Ryazanskoy sh.d., st. Michurinsk.  
(UMBILICUS--HERNIA)

4

VASIL'YEVA, G.A.

VASIL'YEVA, G.A.

▲ rare double monstrosity. Akush. i gin. 32 no.6:79-80 H-D '56.  
(MIRA 10:11)

1. Iz rodil'nogo otdeleniya (zav. G.A.Vasil'yeva) bol'nitsy  
st. Michurinsk Moskovsko-Ryazanoy zheleznoy dorogi.  
(MONSTERS, case reports  
ischlopagus)

SHNAYDMAN, L.O.; KUSHCHINSKAYA, I.N.; Prinimali uchastiye: SILING, M.I.;  
BALATSENKO, S.V.; SHEVYREVA, O.N.; RYUMINA, N.V.; VASIL'YEVA, G.A.

Catalytic oxidation of diacetone-L -sorbitol in diacetone-2-keto-  
L -gulonic acid with atmospheric oxygen. Trudy VNIVI 8:13-22  
'61. (MIRA 14:9)

(Sorbitol) (Gulonic acid)

KULIKOV, Aleksandr Aleksandrovich; NEMIROVSKIY, Moisey Il'ich; VASIL'YE-  
VA, G.B., inzh., retsenzent; LUTSYK, V.I., inzh., retsenzent; KO-  
RYTNIKOV, V.P., inzh., red.; CHISTYAKOVA, L.G., inzh., red.; GORNO-  
STAYPOL'SKAYA, M.S., tekhn. red.

[Collection of problems on electric machinery] Sbornik zadach po  
elektricheskim mashinam. Moskva, Gos.nauchno-tekhn.izd-vo mashino-  
stroit.lit-ry, 1961. 198 p. (MIRA 14:12)  
(Electric machinery)

3.5140 (1041)

29/491

S/035/61/000/009/015/036  
A001/A101

AUTHOR: Vasil'yeva, G. Ya.

TITLE: Some results of studying tremors of stars using their tracks

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 9, 1961, 31-32, abstract 9A246 ("Tr. Soveshchaniya po issled. mertsaniya zvezd", 1958, Moscow-Leningrad, AN SSSR, 1959, 165-173. Discuss., 181-182)

TEXT: Turbulence was studied in detail by means of plotting autocorrelation functions for 13 stellar tracks. Observations were conducted at Anapa with an AZT-7 (AZT-7) telescope ( $f = 10$  m,  $D = 200$  mm). Each track was measured at 600 points separated by  $50$  m $\mu$ . Calculations were carried out on an EB-80-3 (EV 80-3) electronic computer at the Computing Center, AS USSR. The results of this work confirm the conjecture on the existence of a periodic non-random component in tremors. The energy of non-random component amounts to 10-20% of total energy of the oscillation process, and this ratio does not depend either on azimuth or on zenith distance of the star. There are 6 references.

L. Zhukova

[Abstracter's note: Complete translation]

Card 1/1

NIKITIN, Nikolay Ignat'yevich. Prinimali uchastiye: ABRAMOVA, Ye.A., starshiy nauchnyy sotr., kand. khim. nauk; AKIM, E.L., inzh.-tekhnolog; ANTONOVSKIY, S.D., dots., kand. tekhn. nauk; VASIL'YEVA, G.G., inzh.-tekhnolog; ZAYTSEVA, A.F., starshiy nauchnyy sotr., kand. tekhn.nauk; KLENKOVA, N.I., kand. tekhn. nauk; MALEVSKAYA, S.S., kand. khim. nauk; NIKITIN, V.N.starshiy nauchnyy sotr., kand. fiz.-mat. nauk; OBOLENSKAYA, A.V., kand. tekhn. nauk, dotsent; PETROPAVLOVSKIY, G.A., starshiy nauchnyy sotr., kand. tekhn. nauk; PONOMAREV, A.N., kand. tekhn. nauk, dots.; SOLECHNIK, N.Ya., prof., doktor tekhn. nauk; TOKAREV, B.I., inzh.; TSVETAYEVA, I.P., kand. tekhn. nauk; CHOCHIYEVA, M.M., kand. tekhn. nauk; ELIASHBERG, M.G., doktor tekhn. nauk; YUR'YEV, V.I.; KARAPETYAN, G.O., red.izd-va; ZAMARAYEVA, R.A., tekhn. red.

[Wood chemistry and cellulose] Khimiya drevesiny i tselliulozy. Moskva, Izd-vo Akad.nauk SSSR, 1962. 711 p. (MIRA 15:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Nikitin). 2. Zaveduyushchiy kafedroy fizicheskoy i kolloidnoy khimii Lesotekhnicheskoy akademii (for Yur'yev).

(Cellulose)

PETROPAVLOVSKIY, G.A.; VASIL'YEVA, G.G.

Alkali soluble carboxymethyl cellulose and possibilities of its  
use in the paper and textile industries. Trudy LTA no.91:115-121  
'60. (MIRA 15:12)

1. Lesotekhnicheskaya akademiya.

(Cellulose)

(Textile industry)

(Paper industry)



PETROPAVLOVSKIY, G.A.; VASIL'YEVA, G.G.; KRUNCHAK, M.M.; NIKITIN, N.I.

Properties of films of low-substituted nitrates of wood  
cellulose. Zhur. prikl. khim. 36 no.8:1816-1821 Ag '63.  
(MIRA 16:11)

PETROPAVLOVSKIY, G.A.; KRUNCHAK, M.M.; VASIL'YEVA, G.G.

Low-substituted nitrates of wood celluloses. Zhur. prikl. Khim.  
36 no.8:1799-1808 Ag '63. (MIRA 16:11)

VASIL'YEVA, G. G.

Dissertation defended for the degree of Candidate of Technical Sciences at the Institute of High-Molecular Compounds in 1962:

"Properties of Alkaline-Soluble Carboxymethylcellulose and the Possibility of Its Use in the Paper and Textile Industries."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

PETROPAVLOVSKIY, G.A.; VASIL'YEVA, G.G.

Low-substituted Na-carboxymethylcellulose and its properties  
as a finish for textile products. Zhur.prikl.khim. 30 no.12:  
1832-1837 D '57. (MIRA 11:1)  
(Cellulose) (Textile finishing)

PETROVAVLOVSKIY, G.S.; ZAMET'KOVA, G.G.; VILKOVA, I.A.

Determination of structure changes in cellulose at the initial  
esterification stages by X-ray diffraction analysis. Zhur.  
prikl. khim. 37 no.9:2008-2016 S '64.

(MIRA 17:10)

YERMOLENKO, N.P.; VASIL'YEVA, G.I.

Molecular compounds in  $\text{MnCl}_2$ - $\text{KCl}$  -  $\text{H}_2\text{O}$  and  $\text{MnSO}_4$ - $(\text{NH}_4)_2\text{SO}_4$ - $\text{H}_2\text{O}$   
systems. Uch.zap. BGU no.29:295-305 '56. (MIRA 11:11)  
(Systems (Chemistry))

VASIL'YEVA, G. I.

22003 VASIL'YEVA, G. I. O Fiziologicheskoy aktivosti myshechnogo preparata-muskulen. Uchen. zapiski Nauch.- issled. in-ta tuberkuleza v Odesse, ch. 2, 1948, s. 23-24.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

VASIL'YEVA, G. I.

22004 VASIL'YEVA, G. I. O fiziologicheskoy aktivnosti ekstraktov (2) lco, placenty i myshts. Uchen. zapiski Nauch.-issled. in-ta tuberkuleza v Odesse, ch. 2, 1948, s. 39-45.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.



Vasiliyeva, L. L.

12047 Vasiliyeva, L. L. Ustav i zakonodavstvo o sostoyaniya i ustoyevchivosti  
sistemy krayevykh i vnutrennykh sverkhputev. In: Zhurnal  
Nauch.-issled. in-ta im. S. P. Korotkova, Ch. 1, 1948, s. 45-48.

SC: Istoricheskoy Zhurnal'nykh Statoy, No. 16, Moskva, 1949.

VASIL'YUK, V. I.

"Change in the Reactivity of the Organism in the Dynamics of Experimental Tuberculosis." *Can. Med Sci, Odessa Sci Res Inst of Tuberculosis, Odessa, 1954.* (ZhBiol, No 6, Mar 55)

SO: Sum. No. 670, 22 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

SVIRIDOV, Vadim Vasil'yevich; YASIL'YEVA, Galina Ignat'yevna;  
GLAZOVA, Anna Romanovna; MALISHEVSKAYA, Lidiya Ivanovna;  
LITVINSKAYA, T., red.; MINCHUKOVA, T., red.

[Handbook of problems and exercises in inorganic chemistry]  
Sbornik voprosov i uprazhnenii po neorganicheskoi khimii.  
Minsk, Vysshaya shkola, 1965. 212 p. (MIRA 18:7)

VASIL'YEVA, G.

The Gorlovka People's Conservatory of Music... Sov. profsoiuzy  
18 no.7:39-40 Ap '62. (MIRA 15:3)

1. Spetsial'nyy korrespondent zhurnala "Sovetskiye profsoyuzy",  
g. Gorlovka.

(Gorlovka--Conservatories of music)

YERMOLENKO, N.F.; VASIL'YEVA, G.I.

Studying ternary systems with the aid of zirconium salts. Uch.zap.BGU  
no.42:271-280 ' 58. (MIRA 12:1)

(Systems (Chemistry)) (Zirconium salts)

YERMOLENKO, N.F. [Yarmolenka, M.F.]; VASIL'YEVA, G.I. [Vasil'ieva, H.I.]

Studying intermolecular reactions in saline mixtures by  
physicochemical analysis. Vestsi AN BSSR. Ser. Fiz.-tekh.  
nav. no. 4:42-45 '60. (MIRA 14:1)  
(Solution (Chemistry)) (Chemical reactions)

USSR/General Problems of Pathology - Allergy.

U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4071

Author : Vasil'yeva, G.K.

Inst : The Kuybyshev Society of Anatomy-Pathologists with a  
Section of Pathophysiologists.

Title : On the Mechanism of Anaphylactic Shock.

Orig Pub : Sb. nauchn. rabot Kuybyshevsk. O-va patologoanatomov s  
seksiyey patofiziol. Kuybyshev, 1957, 127-135

Abstract : Ten sensitized dogs under the influence of hexenal or  
thiopental narcosis developed a picture of microshock  
without external manifestations following the adminis-  
tration of a reacting dose of antigen. Ether narcosis  
showed a still more effective action. Anaphylactic  
shock (AS) developed fully following injection of the  
reacting dose of antigen (0.02-2 ml/kg) in cases of

Card 1/2

- 6 -

VASIL'YEVA, G. K.

"Some Data on the Effect of Hypnotic Sleep on the Organisms of Patients With Thyreotoxicosis." Cand Med Sci, Kurybyshev State Medical Inst Kurybyshev, 1953. (TZhBiol, No 5, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55



Vasilyeva, G.K.

USSR/General Problems of Pathology - Ailergy.

T-3

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17198

Author : Vasilyeva, G.K.

Inst : -

Title : Importance of the Functional State of the Nervous System  
in the Development of Anaphylactic Shock.

Orig Pub : Sb. nauchn. rabot. Kuybyshevsk. o-va patologoanatomov s  
seksiyey potofiziol. Kuybyshev, 1957, 54-58.

Abstract : In horses sensitized with dog sera, hexanal (a 10% solu-  
tion) anesthesia failed to modify the course of anaphylac-  
tic shock whereas morphine - ether anesthesia eliminated  
the shock. An intravenous injection of 10% caffeine solu-  
tion in small dosage (0.17 - 0.9 mg/kg) failed to prevent  
the development of shock completely but larger dosages  
(0.9 mg/kg) were accompanied by a fall in blood pressure  
of not more than 8-15 mm of Hg.

Card 1/1

VASIL'YEVA, G.L.; OKUNEVA, G.L.

Brief report on the mass raising of protococcal algae. Trudy TSSBS  
no.8:115-116 '64. (MIRA 18:7)

VASIL'YEVA, G.L.; OKUNEVA, G.L.

Experiments in rearing the rotifer *Brachionus rubens* Eardg. as food for young fish. Vop. ikht. 1 no.4:752-761 '61.

(MIRA 14:12)

1. Biologo-geograficheskiy nauchno-issledovatel'skiy institut pri Irkutskom gosudarstvennom universitete.

(Baikal Lake Region---Rotifera)

(Fishes---Food)

VASIL'YEVA, G.L.; KOZHOVA, O.M.

Plankton of Irkutsk Reservoir. Trudy Gidrobiol. ob-ya 13:  
25-55 '63. (MIRA 16:11)

1. Baykal'skaya biologicheskaya stantsiya Biologo-geograficheskogo  
instituta pri Irkutskom universitete imeni A.A.Zhdanova i Limnolo-  
gicheskii institut Sibirskogo otdeleniya AN SSSR, pos. Listvenich-  
noye.

VASIL'YEVA, G.L.; KOZHOVA, O.M.; GOSMER, N.A.; PUTYATINA, T.N.;  
MISHARINA, E.N.

Plankton of the Irkutsk Reservoir during the first years of its  
existence. Izv. Sib. otd. AN SSSR no. 10:103-113 '60.  
(MIRA 13:12)

1. Irkutskiy gosudarstvennyy universitet.  
(Irkutsk Reservoir--Plankton)

VASIL'YEVA, G.L.

Some results of the study of zooplankton of Irkutsk Reservoir  
in 1957-1962. Trudy Lim. Inst. 11:135-176 '64.  
(MIRA 18:11)

RUB, M. G.; MAKEYEV, B. V.; VASIL'YEVA, G. L.

Criteria of the consanguinity of intrusive, subvolcanic and effusive rocks as revealed by a study in the Myao-Chanskiy region. Izv. AN SSSR. Ser. geol. 29 no. 1:21-41 Ja '64. (MIRA 17:5)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralologii i geokhimii AN SSSR, Moskva.

BOGOMOLOV, A.I.; VASIL'YEVA, G.M.

Composition and properties of Osinskiy petroleum of Irkutsk  
Province. Trudy VNIIGRI no.95:405-410 '56. (MLRA 9:12)

(Irkutsk Province--Petroleum--Analysis)



L 42106-65 EPF(c)/EWT(m)/EWP(b)/T/ENP(t) Pr-4.. IJP(c) WE/JD/JG  
 8/2933/64/007/000/0192/0195  
 ACCESSION NR: AT5008632

AUTHORS: Proskuryakov, V. A.; Rozental', D. A.; Vasil'yeva, G. M.

TITLE: Desulfurization of petroleum and petroleum products by oxidation.  
 2. Desulfurization of benzene and kerosene fractions by atmospheric oxygen  
 oxidation in an alkali medium

SOURCE: AN SSSR. Bashkirskiy filial. Khimiya seryorganicheskikh soyedineniy,  
 sodershashchikhsya v neft'yakh i nefteproduktakh, v. 7, 1964, 192-195

TOPIC TAGS: desulfuration, petroleum, benzene, kerosene, fraction, oxidation,  
 catalyst, sodium hydroxide, alkali

ABSTRACT: Experiments were carried out to determine the optimum conditions for  
 desulfurizing benzene and kerosene fractions from the Ural-Volga oil fields by  
 oxidizing them in atmospheric oxygen and a water-alkali medium at high pressures  
 and temperatures. The experiments were conducted in laboratory bubbling columns  
 with perforated bottom vertical tubes. The first desulfurization was done with  
 platforming type benzene 80-122C fractions. A great improvement was noticed in  
 the desulfurization efficiency when using an alkali catalyst. The optimum

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L 42106-65

ACCESSION NR: AT5008632

conditions were: temperature 60C, air flow one liter/minute, NaOH concentration 3%, alkali to benzene ratio 1:2, pressure 10 atm, and test duration 10 minutes. The second specimen was of a 150-200C benzene fraction. The optimum conditions were: temperature 130C, air flow one liter/minute, alkali concentrate 3%, alkali-benzene ratio 1:1, pressure 10 atm, and test duration time 10 minutes. Similar conditions were found for the 200-300C fraction specimen. Orig. art. has: 4 tables.

ASSOCIATION: Leningradskiy tekhnologicheskii institut im. Lensovetu (Leningrad Technological Institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: FP, GC

NO REF SOV: 000

OTHER: 003

Card 2/2 CC

L 43090-65 ENT(m)/EPF(c)/T Pr-4 WE

ACCESSION NR: AR5906829

S/0081/65/000/001/P022/P022

SOURCE: Ref. zh. Khimiya, Abs. 1P162

AUTHOR: Proskuryakov, V.A.; Rozental', D.A.; Vasil'yeva, G.M.

TITLE: The problem of the oxidative desulfuration of the rectified fractions of sulfurous petroleum. Desulfuration of the rectified fractions of sulfurous petroleum by oxidation in an autoclave

CITED SOURCE: Tr. Leningr. tekhnol. in-ta im. Lenoaveta, vyp. 63, 1964, 168-172

TOPIC TAGS: petroleum refining, desulfuration, oxidative desulfuration, sulfurous crude, organic sulfur, sulfur oxidation

TRANSLATION: These studies were carried out on high-sulfur crudes from Patos (Albania), on the > 200C distillate of petroleum from Zol'nyy Ovrage, and on the 80-140, 140-200, 200-240 and 240-270C fractions of the representative petroleum Vtoroy Baku from Romashkino. Oxidation was carried out with atmospheric O<sub>2</sub> in an alkaline medium under pressure; the temperature in the experiments fluctuated between 120 and 220C, and the pressure, from 10 to 20 atmospheres. The results of these studies demonstrated the possibility of removing the S compounds from rectified petroleum fractions. The alkaline medium acts as

L 43090-65

ACCESSION NR: AR5006829

an inhibitor of the oxidation of the hydrocarbons in the fraction; at the same time, the S compounds of the fraction are bound by alkali after being transformed into the active form of quadrivalent and hexavalent S. The oxidation of the sulfoorganic compounds can be accelerated by the use of the catalyst  $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$ . Preliminary experiments, carried out with the 240-270C kerosene fraction of Romashkino petroleum, showed that the degree of desulfuration is significantly increased by this process, even when the temperature is decreased to 120C, while the physicochemical constants before and after the experiment are identical. However, oxidation in a rotating autoclave proceeds at an excessively slow speed due to the small reactive surface and the poor dispersion of the petroleum fraction in the aqueous solution of alkali. A. Nagatkina

SUB CODE: FP

ENCL: 00

am  
Card 5/2

BUKHMAN, Mikhail Moiseyevich; SHMIDT, A.A.; BUKHARIN, V.V.; VASIL'YEVA,  
G.N.; KISINA, Ye.I., tekhnicheskii redaktor;

[Production of mayonnaise] Proizvodstvo maioneza. Moskva,  
Pishchepromizdat, 1955. 32 p. (MLBA 9:4)  
(Mayonnaise)

NAMESTNIKOV, A.F., kandidat tekhnicheskikh nauk; SABUROV, N.V., doktor tekhnicheskikh nauk professor, retsenzent; IZOTOV, A.K., inzhener, retsenzent; VASIL'YEVA, G.N., redakter; GOLLIB, E.M., tekhnicheskiiy redakter.

[Technology of canning fruits and vegetables] Tekhnologiya konservirovaniia plodov i ovoshchei. Moskva, Pishchepromizdat, 1955. 127 p.  
(Canning and preserving) (MLRA 9:4)

SHIPOV, V.P.; SHITSER, S.S., retsenzents; BEREZOVSKIY, A.I., retsenzents;  
VASIL'YEVA, G.N., redaktor; KISINA, Ye.I., tekhnicheskii redaktor.

[Planning work in enterprises of the meat industry; methods and  
techniques in working out a plan] Planirovanie truda na predpriia-  
tiakh miasnoi promyshlennosti; metodika i tekhnika raschetov plana.  
Moskva, Pishchepromizdat, 1956. 73 p. (MLRA 9:5)  
(Meat industry)

VASIL'YEVA, M.M.

KING, N.; VLADAVETS, I.N. [translator]; INIKHOV, G.S., doktor khimicheskikh nauk, professor, zasluzhennyy dayatel' nauki, redaktor; VASIL'YEVA, G.N., redaktor; YAROV, E.M., tekhnicheskii redaktor

[The milk fat globule membrane and some associated phenomena.  
Translated from the English] Obolochki zhirovykh sharikov moloka i  
svyazannye s nimi iavleniia. Perevod s angliiskogo I.N.Vlodavtsa.  
Pod red. G.S.Inikhova. Moskva, Pishchepromisdat, 1956. 93 p.  
(Milk) (MLRA 10:3)



VASIL'YEVA, G.N.

VOSTOKOV, A.I.; IMPESHKIN, I.P.; VASIL'YEVA, G.N., redaktor; P'YANKOV, G.A., spetsredaktor; MUSTAFIN, A.M., tekhnicheskiy redaktor

[Manufacture of beet sugar] Proizvodstvo sakhara iz svekly. Moskva, Pishchepromizdat. No. 5. [Boiling, crystallizing, and centrifuging the massecuite. Bleaching, drying, and packing of sugar] Varka, kristallizatsiya i fukovka utfelei. Probelivanie, sushka i upakovka sakhara. 1956. 70 p. (MLBA 10:4)  
(Sugar industry)

KRYLOV, Vasilii Sergeyevich, kandidat sel'skokhozyaystvennykh nauk;  
VASIL'YEVA, G.N., redaktor; CHMBYSHEVA, Ye.A., tekhnicheskii redaktor

[Production processed in poultry plants] Protssesy proizvodstva na  
ptitsefabrikakh. Moskva, Pishchepromizdat, 1956. 161 p. (MLRA 10:4)  
(Poultry plants)

CHIZHOV, Georgiy Borisovich; VASIL'YEVA, G.N., redaktor; CHERYSHEVA, Ye.A.,  
tekhnicheskiiy redaktor

[Problems in the theory of freezing foods] Voprosy teorii zamora-  
zhivaniia pishchevykh produktov. Moskva, Pishchepromizdat, 1956.  
139 p. (MLRA 9:9)

(Food, Frozen)

BURSIAN, T.V., inzhener; BYCHKOVSKIY, A.L., inzhener; VASIL'YEVA, G.N.,  
inzhener; ZALKIND, I.Ya., kandidat tekhnicheskikh nauk; LEBEDEVA,  
M.F., inzhener; OKERBLOM, Yu.I., inzhener.

Refractory-protected water-tube wall for PK-19 boilers. Elek.sta.  
27 no.5:5-12 My '56. (MLRA 9:8)  
(Boilers)

VASIL'YEVA, G.N., inzh.; ZALKIND, I.Y. ., inzh.; ISEROV, D.Z.; inzh.; KORMER,  
I.M., inzh.; KUZ'MIN, A.I., inzh., LAKHMANLOS, A.I., inzh.,  
SHAKHSUVAROV, K.V., inzh.

Determination of heat losses of boilers to an ambient media.

Elek. sta. 36 no.2:2-6 F '65.

(MIRA 13:4)

NIKIFOROV, L.A.; NIKOLAYENKO, Zh.I.; VOLKOV, N.V.; SHVETSOV, N.I.;  
PLAKSIN, S.V.; POPOV, N.N.; PEKSHEV, Yu.A.; KARSHINOV, L.N.;  
YAKIMOVA, T.A.; SHALASHOV, V.P.; VASYANIN, Yu.L.; KRASHOV, L.V.;  
PUSENKOV, N.N.; VASIL'YEVA, G.N.; TSAGURIYA, G.M., tekhn. red.

[Economic development of the people's democracies of Europe and  
Asia; statistical collection] Razvitie ekonomiki stran narodnoi  
demokratii Evropy i Azii; statisticheskii sbornik. Moskva,  
Vneshtorgizdat, 1961. 470 p. (MIRA 15:5)  
(Communist countries--Statistics)

VASIL'YEVA, G.N., kand.meditsinskikh nauk

Treatment of highmoritis by lavage of the maxillary sinuses  
with antibiotics. Zdrav. Turk. 4 no. 2:36-38 Mr-Ap '60.  
(MIRA 13:10)

1. Iz kafedry bolezney ukha, gorla i nose (zav. - dozent B.Kh.  
Ibragimov) Turkmenskogo gosudarstvennogo meditsinskogo instituta  
im. I.V. Stalina.

(NOSE, ACCESSORY SINUSES OF—DISEASES)  
(ANTIBIOTICS)

TSIBANOV, Valentin Semenovich, kand.tekhn.nauk; VASIL'YEVA, G.N., red.;  
CHEBYSHOVA, Ye.A., tekhn.red.

[Automatic safety appliances for two-stage ammonium compressors]  
Avtomaticheskaya protivoavariinaya zashchita dvukhstupenchatykh  
ammiachnykh kompressorov. Moskva, Pishchepromizdat, 1957. 25 p.  
(MIRA 12:10)

(Compressors--Safety appliances)



VASIL'YEVA, G. N., Cand Med Sci -- (diss) "A <sup>of</sup> new method ~~to~~ checking  
nosebleed<sup>s</sup>." Ashkhabad, 1957. 19 pp. (Second Mos State Med  
Inst im N. I. Pirogov, Turkm<sup>yn</sup> Med Inst im I. V. Stalin), 225  
copies. (KL, 9-58, 122)

- 128 -

SOROCHKIN, I.M.; GRISHIN, L.I.; AGRE, S.I., spetsred.; VASIL'YEVA, G.N.,  
red.; KISINA, Ye.I., tekhn.red.

[Progressive methods of work organization in salvaging  
departments of meat combines] Peredovye metody organizatsii  
truda v tsekhakh shirпотреба miasokombinatov. Moskva, Pishche-  
promizdat, 1956. 27 p. (MIRA 12:5)  
(Leningrad--Buttons)

NADZHMITDINOV, N.A.; VASIL'YEVA, G.P.; GORODETSKAYA, A.S.; BUL'BRUN, Yu. M.

Organization and work of the tuberculosis sanatoria serving several  
collection farms in the Andizhan Province of the Uzbek S.S.R. Probl.  
tub. 36 no.8:6-7 '58. (MIRA 12:7)

1. Iz Andizhanskogo oblastnogo protivotuberkuleznogo dispansera  
(glavnyy vrach N. A. Nadzhmitdinov).  
(ANDIZHAN PROVINCE--TUBERCULOSIS--HOSPITALS AND SANATORIALS)

PALAGINA, N.K.; MEL'TSER, I.A., spetsred.; VASIL'YEVA, G.N., red.; YAROV,  
E.M., tekhn.red.

[Purifying and clarifying molasses in clarifiers; work practices  
of the Leningrad Yeast Plant] Ochistka i osvetlenie melassy na  
klarifikatorakh; opyt raboty Leningradskogo drozhzhevogo zavoda.  
Moskva, Pishchepromizdat, 1956. 30 p. (MIRA 12:5)  
(Molasses) (Yeast)

BUBLIK, P.Ye.; MARDER, A.TS.; VAS'KO, T.P.; BAKUSHINSKAYA, O.A., spetsred.;  
VASIL'YEVA, O.N., red.; CHEBYSHEVA, Ye.A., tekhn.red.

[Purifying feed molasses using clarifiers; practices of yeast  
enterprises of the Ukraine] Osvetlenie kormovoi patoki s pri-  
meneniem klarifikatorov; opyt drozhzhevykh predpriyatii Ukrainy.  
Moskva, Pishchepromizdat, 1957. 15 p. (MIRA 12:5)  
(Ukraine--Molasses) (Yeast) (Separators (Machines))

PROTSENKO, A.L.; VESELOVSKAYA, N.S.; DOLZHANOV, P.B., spetsred.; VASIL'YEVA,  
G.N., red.; KISINA, Ye.I., tekhn.red.

[Zvenigorod butter and cheese factory] Zvenigorodskii maslodel'no-  
syrodel'nyi zavod. Moskva, Pishchepromizdat, 1957. 25 p.  
(MIRA 12:3)

(Zvenigorod--Dairy plants--Equipment and supplies)

KRAVCHENKO, I.D.; TAHUTIN, P.P., spetsred.; VASIL'YEVA, G.N. red.;  
MUSTAFIN, A.M., tekhn.red.

[Quality milling of wheat in a single stand mill] Sortovye  
pomoly pshenitsy na odnostankovoi mel'nitse. Moskva, Pishche-  
promizdat, 1957. 37 p. (MIRA 12:4)  
(Wheat milling) (Flour mills)

MORDKHELOVICH, I.I.; SHUMILOVSKIY, N.N., prof., retsenzent; IORDAN, G.G.,  
spetsred.; VASIL'YEVA, G.H., red.; KISINA, Ye.I., tekhn.red.

[Modern automatic controlling and measuring instruments]  
Novye avtomaticheskie kontrol'no-izmeritel'nye pribory.  
Moskva, Pishchepromizdat, 1957. 43 p. (MIRA 12:4)  
(Radioisotopes--Industrial application) (Electronic control)



SOV/ 112-58-1-175

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 1, p 21 (USSR)  
AUTHOR: Zalkind, I. Ya., Solomatina, T. V., Vasil'yeva, G. N., and  
Lebedeva, M. F.

TITLE: A Lighter Type of Concrete Lining for a PK-19 Series High-Pressure  
Boiler (Oblegchennaya betonnaya obmurovka seriynogo kotel'nogo agregata  
vysokogo davleniya PK-19)

PERIODICAL: Naladochn. i eksperim. raboty ORGRES, 1956, Nr 13, pp 3-9

ABSTRACT: Bibliographic entry.

AVAILABLE: Library of Congress

1. Combustion chamber liners
2. Concrete--Applications

Card 1/1

GRINBERG, T.D.; GURARI, N.G.; SINJTSYN, K.D.; KASHIRINA, V.M., retsenzent;  
VASIL'YEVA, G.N., red.; YAROV, E.M., tekhn.red.

[Mechanization of conveying in raw materials sections of sausage  
and meat canning plants] Mekhanizatsiia transportnykh operatsii  
v syr'evykh tsekhakh kolbasnogo i konservnogo proizvodstva,  
Moskva, Pishchepromizdat, 1956. 50 p. (MIRA 12:1)

(Meat industry--Equipment and supplies)  
(Conveying machinery)

DUNAYEVA, P.F., spetsred.; VASIL'YEVA, G.N., red.; YAROV, E.M., tekhn.red.

[Meat industry] Miasnaya promyshlennost'. Moskva, Pishchepromizdat.  
No. 23. 1957. 18 p. (MIRA 11:12)

1. Russia(1923- U.S.S.R.) Ministerstvo promyshlennosti. Otdel  
tekhnicheskoy informatsii.  
(Meat industry)

MEL'NIKOV, A.I.; VAYNBERG, A.S.; VASIL'YEVA, G.N., red.; SOKOLOVA, I.A., tekhn. red.

[Progressive practices in Ukrainian champagne plants] Peredovoi  
opyt zavodov shampanskikh vin Ukrainy. Moskva, Pishchepromizdat,  
1957. 45 p. (MIRA 11:12)

(Ukraine--Champagne(Wine))

POPOV, K.S.; GRAUERMAN, L.A.; TOVBIN, I.M., spetered.; VASIL'YEVA, G.N.,  
red.; TARASOVA, N.M., tekhn.red.

[Production and use of vegetable phosphatides in the food  
industry] Proizvodstvo i primeneniye rastitel'nykh fosfatidov  
v pishchevoi promyshlennosti. Moskva, Pishchepromizdat, 1958.  
41 p.

(Phosphatides)

(MIRA 11:12)

GUBAROV, Fedot Aver'yanovich, dots., kand. vet. nauk; STRAKHOVA, Nina  
Mikhaylovna, vet. vrach; VNIERNIKOVA, A.S., spetsred.; VASIL'YINA,  
G.N., red.; KISINA, Ye.I., tekhn. red.

[Microbiology of meat and meat products] Mikrobiologiya miasa  
i miasoproduktov. Moskva, Pishchepromizdat, 1958. 78 p.  
(Meat--Bacteriology) (MIRA 11:10)

LAVRUSHIN, A.Ya.; OL'SHANSKIY, I.I.; ABRAMOV, N.D.; STAL'MAKOVA, M.I.;  
FILATKIN, I.G.; BELOGOLOVAYA, N.G.; STEPANOV, A.S., spetsred.;  
VASIL'YEVA, G.N., red.; CHEBYSEVA, Ye.A., tekhn. red.

[Meat industry; collection of articles] Miasnaya promyshlennost';  
sbornik. Moskva, Pishchepromizdat. (Obmen peredovym tekhnicheskim  
opytom). No.14. [Practices of efficiency promoters of the Moscow  
Meat Combine] Opyt ratsionalizatorov Moskovskogo miasokombinata.  
1956. 25 p. (MIRA 11:10)

1. Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti  
myasnykh i molochnykh produktov. Otdel tekhnicheskoy informatsii.  
(Moscow—Meat industry)

DIKKER, G.L., YEREMENKO, F.M., LEONCHIK, B.I., spets.red.; VASIL'YEVA, G.N., red.; YAROV, E.M., tekhn.red.

[Feeding tobacco into cigarette machines by pneumatic means]  
Pnevmaticheskoe pitanie tabakom sigaretnykh mashin. Moskva, Pishche-  
promizdat, 1956. 38 p. (MIRA 11:9)  
(Cigarette industry--Equipment and supplies)



DMITRIYEVA, A.Ye.; KONRADI, M.N.; ZAGASHEV, V.I.; DIKKER, G.L., spetsred.;  
VASIL'YEVA, G.N., red.; SOKOLOVA, I.Ya., tekhn. red.

[Advanced work methods for operators of the Cherchenko automatic  
packaging machine] Peredovye priemy raboty mashinistki pachechno-  
ukladochnykh avtomatov PUCH. Moskva, Pishchepromizdat, 1957. 25 p.  
(Cigarette industry--Equipment and supplies) (MIRA 11:10)

CENIN, S.A., KRETININ, A.A., KAZIMIRSEY, Ya.M., spots, red.; VASII'YEVA, G.N.,  
red.; YARGOV, E.H., tekhn. red.

[Practices of the Detchino factory in producing dehydrated potatoes]  
Opyt Detoninskogo zavoda po proizvodstvu sushenogo kartofelia.  
Moskva, Pishchepromizdat, 1957. 17 p. (MIRA 11:8)  
(Potatoes--Drying)

• 1954, 1955, 1956.

SOPRUNOV, F.F.; VASIL'YEVA, G.N.

Unusual case of disease caused by *Tyroglyphus* *noxius*. Med. paraz. i  
paraz. bol. no.4:360-361 O-D '54. (MIRA 8:2)

1. Iz Instituta malyarii i meditsinskoy parazitologii Ministerstva  
zdravookhraneniya Turkmenskoy SSR (dir. instituta dotsent G.A.Pravikov)  
i kafedry bolezney ukha, gorla i nosa Turkmenskogo meditsinskogo insti-  
tuta (sav. kafedroy prof. I.V.Korsakov).

(RESPIRATORY TRACT, diseases,  
caused by *Tyroglyphus* *noxius*)

(TICKS,

*Tyroglyphus* *noxius* causing dis. with resp. tract.  
manifest.)

VASIL'YEVA, G.N.

▲ new method of stopping epistaxis [with summary in English]. Vest.  
oto-rin. 19 no.5:102-108 S-O '57. (MIRA 10:11)

1. Iz kliniki bolezney ukha, gorla i nosa (dir. - prof. I.V.  
Korsakov) Turkmenskogo meditsinskogo instituta (Ashkhabad) i kliniki  
bolezney ukha, gorla i nosa (dir. - deystvitel'nyy chlen AMN SSSR  
prof. B.S.Preobrazhenskiy) II Moskovskogo meditsinskogo instituta.

(EPISTAXIS, ther.

new method with hemostatic ointment)

(HEMOSTATICS, ther. use

epistaxis, new method of admin.)

LOS', M.V., dotsent; NADZHMITDINOV, N.A.; GORODETSKAYA, A.S.; VASIL'YEVA,  
G.P.; VUL'BRUN, Yu.M.

Study of the incidence of tuberculosis in Andizhan. Med. zhur.  
Uzb. no.12:26-28 D '60. (MIRA 14:1)

1. Iz kafedry mikrobiologii Andizhanskogo gosudarstvennogo meditsinskogo instituta i Oblastnogo protivotuberkuleznogo dispansera.  
(ANDIZHAN---TUBERCULOSIS)

ABRAMZON, S.M.; ANTIPINA, K.I.; VASIL'YEVA, G.P.; MAKHOVA, Ye.I.; SULAYMANOV, D.  
DEMIN, A.I., red.izd-va; KASHINA, P.S., tekhn.red.

[The life of collective farmers in the Kirghiz villages of Darkhan  
and Chichkan] Byt kolkhoznikov, kirgizskikh selenii Darkhan i  
Chichkan. Moskva. Izd-vo Akad. nauk SSSR. 1958. 322 p. (Akademiia  
nauk SSSR. Institut etnografii. Trudy, vol. 37). (MIRA 11:8)  
(Darkhan--Collective farms) (Chichkan--Collective farms)

VASIL'YEVA, G.P.

"Architecture of Turkmen dwellings." V.A.Levina, D.M.Ovezov, G.A.Pu-  
gachenkova. Reviewed by G.P.Vasil'eva. Sov.etn. no.3:173-174 '54.

(MLRA 7:11)

(Turkmenistan--Architecture, Domestic) (Architecture, Do-  
mestic--Turkmenistan)

VASIL'YNA, G.P.

Trukmen-Nokhurli. Trudy Inst.etn. 21:82-215 '54. (MLRA 7:7)  
(Trukmen)



DZHIKIYEV, Ata; VASIL'YEVA, G.P., kand. ist. nauk, red.; NASILOVA, S.G.,  
red. izd-va; FLUTKOVA, S.G., tekhn. red.

[Turkmen of the southeastern shore of the Caspian Sea;  
historical and ethnographical outline] Turkmeny iugo-  
vostochnogo poberezh'ia Kaspiiskogo moria; istoriko-  
etnograficheskii ocherk. Ashkhabad, 1961. 153 p. (MIRA 15:6)  
(Caspian Sea region--Turkmen)

VASIL'YEV, G. F.

"Etnograficheskiye dannye o proiskhozhdenii turkmenskogo naroda."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,  
Moscow, 3-10 Aug 64.

ANNAKLYCHEV, Shikhberdy; VASIL'YEVA, G.P., kand. ist. nauk, red.;  
KARAMOV, S.B., red. izd-va; FLUTKOVA, S.G., tekhn. red.

[Life of the Nebit-Dag and Kum-Dag petroleum workers; historical  
and ethnological study] Byt rabochikh-neftianikov Nebit-Daga i  
Kum-Daga; istoriko-etnograficheskii ocherk. Ashkhabad, Izd-vo  
Akad. nauk Turkmenskoi SSR, 1961. 164 p. (MIRA 15:5)  
(Nebit-Dag--Petroleum workers)  
(Kum-Dag--Petroleum workers)

SOV/123-59-16-64609

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 16, p 135 (USSR)

AUTHOR: Vasil'yeva, G.S.

TITLE: Nickel Plating in Fluoborate Electrolyte

PERIODICAL: Materialy po obmenu opytom i nauchn. dostizh. Vses. n.-i. in-t med. instrumentariya i oborud., 1958, Nr 4 (29), 82 - 87

ABSTRACT: Results of an investigation are given which was carried out with the aim of studying the possibilities of intensifying the process of nickel plating in a fluoborate electrolyte and, at the same time, of finding the methods to eliminate the tendency of this electrolyte to pitting. The method of preparing the electrolyte is described: 350 milliliter/l of concentrated HF are added to 215 grams/liter of  $H_3BO_3$ . The solution is decanted and freshly precipitated  $NiCO_3$  is introduced up to the saturation point. Then 15 grams/liter of nickel chloride are added, the solution is filtered and its pH is brought to 2.5 - 3.5 by introducing NaOH. Nickel plating is effected at a temperature of 50°C, with a current density of 4 - 4.5 amp/dm<sup>2</sup> and with an intensive air agitation. The tendency of the electrolyte to pitting is eliminated by an electrochemical dipping of the parts in a solution containing (in % by weight): 60 -  $H_3PO_4$ , 10 -  $H_2SO_4$ , 30 -  $H_2O$ , at a

Card 1/2

Nickel Plating in Fluoborate Electrolyte

S0V/123-59-16-64609

temperature of 35 - 40°C, anode density of current of 10 amp/dm<sup>2</sup> and a soaking time of 15 minutes.

S.V.M.

Card 2/2



VASIL'YEVA, G.S.

Electrochemical precipitation of a gold plating of heightened durability. Med. Prom. 13 no.5:48-52 My '59. (MIRA 12:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo instrumentariya i oborudovaniya.  
(GOLD PLATING)

USSR/Chemical Technology - Chemical Products and Their  
Application. Electrochemical Manufacturing. Electro-  
deposition. Chemical Sources of Electrical Current.

H-6

Abs Jour : Referat Zhur - Khimiya, No 1, 1958, 1938

Author : Vasil'yeva G.S.

Inst :

Title : Effect of Technological Factors on Porosity of Electrolytic Nickel Deposits.

Orig Pub : Materialy po obmenu opytom i nauchn. dostizh. v med. prom-  
sti, 1957, No 3, (22), 31-42

Abstract : Study of the effect of preliminary treatment (mechanical and chemical), composition of electrolyte and conditions of electrolysis, on the porosity (P) of Ni-deposits. It was found that the better the mechanical treatment of the surface the less is the P. Use of electrolytic pickling in a solution having the composition (in % by weight):  $H_2PO_4$  60,  $H_2SO_4$  10 and  $H_2O$  30, or in a solution of  $H_3PO_4$

Card 1/2



USSR/Chemical Technology - Chemical Products and Their  
Application. Electrochemical Manufacturing. Electro-  
deposition. Chemical Sources of Electrical Current.

H-6

Abs Jour : Referat Zhur - Khimiya, No 1, 1958, 1938

(specific gravity 1.72) lowers the P. Increased acidity of the electrolyte and a lowering of the concentration of  $H_3BO_3$  below 10 g/liter increases the P. Passivation of the surface prior to nickel plating decreases, by 1.5-2 times, the protective properties of the coating. P is increased on contamination of the electrolyte with Fe and dextrin. Increase of  $D_k$  to 2 a/dm<sup>2</sup> results in a dark, porous deposit. Other conditions of electrolysis have little effect on P.

Card 2/2

131 58 2 3613  
*VASIL'YEVA G.S.*  
Translation from: Referativnyy zhurnal. Metallurgiya. 1958, Nr 2, p 190 (USSR)

AUTHOR: Vasil'yeva, G.S.

TITLE: The Effect of Technological Factors on the Porosity of Electrically-positive Nickel (Vliyaniye tekhnologicheskikh faktorov na poristost' elektricheskikh nikel'nykh osadkov)

PERIODICAL: Materialy po obmenu opytom i nauchn. dostizh. v med. prom-sti, 1957, Nr 3 (22), pp 31-42

ABSTRACT: The results of work to clarify the effect of the following elements on the porosity of Ni coatings (C) are presented: preparation of the surface of the parent metal before coating, electrolyte composition, working environment, contamination of electrolyte, passivation of the surface of the parent metal before coating. It is shown that preparation of the surface of the parent metal is one of the most decisive factors in producing compact electrolytic C. It is shown that electrochemical passivation increases the density and protective effect of the C for a given thickness. It is recommended that electrolytic passivation be performed with a bath consisting of 60% orthophosphoric acid, 10% H<sub>2</sub>SO<sub>4</sub>, and 30% water.

Card 1/2

137-58-2-3613

## The Effect of Technological Factors (cont.)

and also phosphoric acid. The porosity of the C is not dependent upon the kind of Ni bath. However, porosity increases as the  $H_3BO_3$  concentration diminishes. The  $H_3BO_3$  content should not be less than 10 grams per liter. The acidity of the bath significantly affects the continuity and the protective properties of the C. The optimum acidity of the bath occurs when the pH is in the 4.5-5.5 interval. Variation in the  $D_k$  from 0.25 to 2.5 amp/dm<sup>2</sup> and in bath temperature from 20-70°C does not significantly affect the porosity of the C. An increase in the thickness of C diminishes its porosity. Stirring of the bath has no real effect upon the continuity of the C. Contamination of the bath by Fe or by dextrin induces an increase in the porosity of the C, its brittleness and surface brightness, and also surface pitting. Passivation of the surface of the parent metal before nickel-plating decreases the protective capacity of the C by 33-50 percent for a layer of given thickness.

1. Nickel coatings--Porosity--Analysis

D. T.

Card 2/2

VASILYEVA, G.S.

137-58-1-1397

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 186 (USSR)

AUTHOR: Vasil'yeva, G. S.

TITLE: Chrome Coatings From Electrolytes Containing Acetic Acid  
(Khromovoye pokrytiye iz elektrolita s uksusnoy kislotoy)

PERIODICAL: Materialy po obmenu opytom i nauchn. dostizh. v med.  
prom-sti, 1957, Nr 3 (22), pp 84-86

ABSTRACT: The results of investigations of the brightness, porosity, and bonding metals of Cr coatings from baths containing  $\text{CH}_3\text{COOH}$  and  $\text{NiCl}_2$  and held at room temperature are presented. The optimum conditions for obtaining satisfactory coatings are expounded.

V. G.

1. Chromium plating--Processes

Card 1/1

FEDURKIN, V.V.; VASIL'YEVA, G.S.; SOLOMINA, Ye.P.

Chemical removal of fats from steel and brass parts before  
electroplating. Med.prom.SSSR 12 no.5:15-19 My '58. (MIRA 11:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy inatitut meditsinskogo  
instrumentariya i oborudovaniya.  
(METAL CLEANING) (ELECTROPLATING)

FEDURKIN, V.V.; NESTERENKO, A.T.; KOVSHAROVA, L.A.; RAZUMOVSKAYA, Ye.I.;  
OSIPOVA, Ye.V.; VASIL'YEVA, G.S.; PEKARSKIY, M.D., otv.red.;  
ZVORONO, B.P., zamestitel' otv.red.; BOLDYREV, B.V., red.; VOLODIN,  
Ye.A., red.; DANIL'CHENKO, Ye.P., red.; ORSKIY, I.N., red.; MISHIN,  
L.N., red.; FREYDIN, G.S., red.; TSEPELEV, Yu.A., red.

[Technological instruction material; aluminum and aluminum alloys  
for medical articles] Rukovodiashchie tekhnicheskie materialy;  
aliuminii i aliuminievye splavy dlia meditsinskikh izdelii. Moskva,  
M-vo zdravookhraneniia, 1959. 70 p. (MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo  
instrumentariya i oborudovaniya.

(MEDICAL INSTRUMENTS AND APPARATUS)

(ALUMINUM)

VASIL'YEVA, G. S.

New electrode pastes for the registration of biocurrents. Nov. med.  
tekh. no. 1:83-90 '61. (MIRA 14.12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh  
instrumentov i oborudovaniya.

(ELECTROPHYSIOLOGY) (ELECTRODES)

VASIL'YEVA, G.V.

Effect of a recess area on the convective heat and mass transfer  
caused by evaporation cooling. Inzh.-fiz. zhur. 9 no.3:405-408  
S '65. (MIRA 18:9)

1. Institut teplo-i massoobmena AN BSSR, Minsk.



L 2022-66 EWT(1)/EWP(e)/EWT(m)/EPF(c)/ETC/EPF(n)-2/ENG(m)/EWP(k)/EWP(z)/EWP(b)/  
EWP(t) JD/WW

ACCESSION NR: AP5022391

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536.25

AUTHOR: Vasil'yeva, G. V.

TITLE: Effect of the penetration zone on convective heat and mass transfer in  
evaporative cooling

SOURCE: Inzhenerno-fizicheskii zhurnal, v. 9, no. 3, 1965, 405-408

TOPIC TAGS: thermodynamics, heat transfer, mass transfer, evaporative  
cooling

ABSTRACT: The experiment was carried out in an aerodynamic assembly with a  
rectangular cross section area of 16 square meters and at a constant air velocity  
of 5 meters/sec. The dynamic pressure was measured with a Pitot-Prandtl tube.  
The relative moisture content of the air was maintained constant by an automatic  
system. The working materials were quartz sand with particle sizes of 0.8,  
0.4, and 0.6 mm. The amount of water introduced was measured with an accuracy  
of 0.1%. The dry layers were investigated in thicknesses of 0, 2, 3, 4, 5, 6  
and 8 mm. In evaluating the strong effect of the sinking down of the evaporation  
surface on the heat and mass transfer coefficients, special attention was paid to  
maintaining the thickness of the dry layer over the whole surface of the body.

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Figures show the distribution of the profile of the temperature gradient over the depth of the layer of sand. Results showed that, with increasing depth of the phase transition zone, the curves lie higher while maintaining all the characteristics of their course. With an increase in the thickness of the dry layer, the hydraulic resistance of the porous structure increases. At the same time, there is an increase in the pressure inside the porous material and of the temperature of moisture evaporation. With an increase in the porosity of the sand, its thermal resistance increases, since the effective coefficient of thermal conductivity of the dry layer decreases. At an identical thickness of the dry layer, an increase in the particle size increases the heat flux through the porous medium and, consequently, increases the consumption of the cooling agent. Orig. art. has: 2 figures

ASSOCIATION: Institut teplo- i massoobmena AN BSSR, g. Minsk (Heat and Mass Transfer Institute of the AN BSSR, Minsk)

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SUB CODE: TD

NR REF SOV: 005

OTHER: 000

ASSEVA, K.M.; GRODEVA, A.K.; VASIL'YEVA, G.V.

Frothing agent for ore flotation. Gor. zhur. no. 9:75  
S '64. (MIRA 17:12)

VASIL'YEVA, G.Ya.

Phenomena observed in the photosphere in the region beneath a  
flocculus before the appearance of sunspots. Izv.GAO 23 no.2:  
3-16 '63. (MIRA 16:12)